

How to replace a fiber optic switch module



Article Overview

Replacing a fiber optic (SFP) module involves safely removing the old module and installing a new one while observing ESD precautions and proper handling to avoid damage.

Safety Precautions

- ESD Protection: Always wear a grounded anti-static wrist strap and work on an ESD-safe mat to prevent electrostatic discharge from damaging the module or switch port .
- Laser Safety: Fiber optic modules are generally Class 1 lasers, but avoid looking directly into the fiber ends .
- Handle Carefully: Hold modules by the sides or metal cage, avoiding contact with the optical connectors .

Removing the Existing SFP Module

- Power Considerations: Most modern SFP modules are hot-swappable, so powering down the switch is not strictly necessary, but disabling the port in software is recommended to prevent link flapping .
- Disconnect Cables: Carefully remove the fiber optic cable from the module, keeping dust caps handy to protect the fiber ends .
- Release the Latch: Identify the module's latch type (mylar tab, bale-clasp, slide tab, or actuator button). Gently release the latch according to its mechanism .
- Remove the Module: Pull the module straight out of the slot using your thumb and...

Article Content

Installing and Removing the SFP and XFP Modules

Ensure that you clean the optic surfaces of the fiber cables before you plug them back into the optical ports of another SFP module.

How to Install an SFP Module: Step-by-Step Guide

How to insert an SFP transceiver correctly into a switch or router without damaging the port or module. The correct installation order

Replacing an Optical Module

Use optical modules certified for Huawei data center switches. Non-certified optical modules cannot ensure transmission reliability

Installing and Removing the SFP and XFP Modules

CautionWe recommend that you do not install or remove the SFP module with fiber-optic cables attached to it because of potential

Contact Us

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